



RECEIVED  
PATENT  
MAY 16 2002  
Docket No. 5594083A7A  
TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rasmussen et al. ) Group Art Unit: 1743  
Serial No.: 09/827,107 ) Examiner: Unknown  
Confirmation No.: 5006 )  
Filed: 5 April 2001 )  
For: SOLID PHASE SYNTHESIS SUPPORTS AND METHODS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

RECEIVED  
JUN 11 2002  
TECH CENTER 1600/2900

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

RECEIVED  
JUN 07 2002  
TC 1700

**Information Disclosure Statement**

Applicant(s): Rasmussen et al.

Serial No.: 09/827,107

Confirmation No.: 5006

Filed: 5 April 2001

For: SOLID PHASE SYNTHESIS SUPPORTS AND METHODS

RECEIVED  
Page 2 of 2  
MAY 16 2002  
TC 1700

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

Respectfully submitted for

Rasmussen et al.

By

Mueting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

Phone: (612)305-1220

Facsimile: (612)305-1228

**Customer Number 26813**



26813

PATENT TRADEMARK OFFICE

By: Ann M. Mueting

Ann M. Mueting

Reg. No. 33,977

Direct Dial (612) 305-1217

Ann M. Mueting

10 May, 2002

Date

**RECEIVED**

JUN 11 2002

TECH CENTER 1600/2900

RECEIVED  
JUN 07 2002  
TC 1700

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 55940USA7A	<b>Serial No.:</b> 09/827,107
	<b>Applicant(s):</b> Rasmussen et al.	<b>Confirmation No.:</b> 5006
	<b>Filing Date:</b> 5 April 2001	<b>Group:</b> 1743

MAY 14 2002

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,871,824	10/03/89	Heilmann et al.			
	4,918,231	04/17/90	Krepski et al.			
	5,200,471	04/06/93	Coleman et al.			
	5,262,484	11/16/93	Coleman et al.			
	5,292,514	03/08/94	Capecchi et al.			JUN 11 2002
	5,336,742	08/09/94	Heilmann et al.			
	5,344,701	09/06/94	Gagnon et al.			
	5,403,902	04/04/95	Heilmann et al.			
	5,451,453	09/19/95	Gagnon et al.			
	5,486,358	01/23/96	Coleman et al.			
	5,510,421	04/23/96	Dennison et al.			
	5,561,097	10/01/96	Gleason et al			
	5,563,220	10/08/96	Webber et al.			
	5,726,243	03/10/98	Fields			JUN 17 2002
	5,750,245	05/12/98	Exsted et al.			
	5,907,016	05/25/99	Velander et al.			
	5,910,554	06/08/99	Kempe et al.			
	5,917,015	06/29/99	Jensen et al.			
	5,993,935	11/30/99	Rasmussen et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	EP 0 801 083 A2	10/15/97	EPO				
	WO 99/07751 A1	02/18/99	PCT				

**EXAMINER****Date Considered**

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rasmussen et al.

Group Art Unit: 1743

Serial No.: 09/827,107

Examiner: Unknown

Filed: 5 April 2001

Docket No.: 55940USA7A  
Confirmation No.: 5006

Title: SOLID PHASE SYNTHESIS SUPPORTS AND METHODS

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

An itemized return postcard.  
 A Petition for Extension of Time for \_\_\_ month(s) and a check in the amount of \$ \_\_\_ for the required fee.  
 An Information Disclosure Statement (2 pgs); 1449 forms (3 pgs); and copies of 38 documents cited on the 1449 forms.  
 A check in the amount of \$ \_\_\_, for \_\_\_.  
 A certified copy of a \_\_\_ application, Serial No. \_\_\_, filed \_\_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.  
 Other:  
 Amendment \_\_\_ No Additional fee is required. \_\_\_ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$18 =	
Independent Claims				x \$84 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$280 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

**CERTIFICATE UNDER 37 C.F.R. §1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202 on this 10 day of May, 2002.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813



26813

PATENT TRADEMARK OFFICE

By: Ann M. Mueting  
Name: Ann M. Mueting  
Reg. No.: 33,997  
Direct Dial: 612-305-1217  
Facsimile: 612-305-1228

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.8)

RECEIVED

JUN 11 2002

REC  
MAY 1  
TC 1700  
RECEIVED  
MAY 16 2002  
TC 1700

RECEIVED  
JUN 07 2002  
TC 1700

TECH CENTER 1600/2900

<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.:55940USA7A	Serial No.: 09/827,107
	Applicant(s): Rasmussen et al.	Confirmation No.:5006
	Filing Date: 5 April 2001	Group:1743

	WO 00/26262 A2	05/11/00	PCT		
--	----------------	----------	-----	--	--

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial		Document Description
		The Combinatorial Chemistry Catalog published annually by Calbiochem-Novabiochem, San Diego, CA; cover page, publication page, table of contents; 2000.
		Estep et al., "Indole Resin: A Versatile New Support for the Solid-Phase Synthesis of Organic Molecules," <i>The Journal of Organic Chemistry</i> , 63:5300-5301 (1998).
		Evans et al., <i>Journal of Organic Chemistry</i> , 39:914 (1974).
		Fields et al., "Solid phase peptide synthesis utilizing 9-fluorenylmethoxycarbonyl amino acids," <i>International Journal of Peptide &amp; Protein Research</i> , 1990: Vol. 35; pgs. 161-214.
JUN 11 2002 TECH CENTER 1600/2000		Fields et al., "Principles and Practice of Solid-Phase Peptide Synthesis," <i>Synthetic Peptides: A User's Guide</i> , Grant, ed., W.H. Freeman & Co., New York, NY; pgs 77-183 (1992).
		Gallop et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries," <i>Journal of Medicinal Chemistry</i> ; 1994, Vol. 37, Issue 9: pgs. 1233-1251.
		Gordon et al., "Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions," <i>Journal of Medicinal Chemistry</i> ; 1994, Vol. 37, Issue 10: pgs. 1385-1401.
		Harrison et al., <i>Compendium of Organic Synthetic Methods</i> , John Wiley and Sons, New York, NY; pgs. 124-131 (1971).
		Lam et al., "The One-Bead-One-Compound Combinatorial Library Method," <i>Chemical Reviews</i> ; 1997, Vol. 97: pgs. 411-448.
		Rasmussen et al., "Polyazlactones," <i>Encyclopedia of Polymer Science and Engineering</i> , Vol. 11, <i>Peroxy Compounds to Polyesters</i> , John Wiley & Sons, Title page, publication page, and pages 558-571 (1988).
		Rink, "Solid-Phase Synthesis of Protected Peptide Fragments using a Trialkoxy-Diphenyl-Methylester Resin," <i>Tetrahedron Letters</i> ; 1987, Vol. 28, No. 33: pgs. 3787-3790.

<b>EXAMINER</b>	<b>Date Considered</b>
-----------------	------------------------

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.:55940USA7A	Serial No.: 09/827,107
	Applicant(s): Rasmussen et al.	Confirmation No.: 5006
	Filing Date: 5 April 2001	Group: 1743

Examiner Initial	Document Description
	Sieber et al., "A New Acid-Labile Anchor Group for the Solid-Phase Synthesis of C-terminal Peptide Amides by the Fmoc Method," <i>Tetrahedron Letters</i> ; 1987, Vol. 28, No. 19: pgs. 2107-2110.
	Tam et al., "Chapter 5: Strong Acid Deprotection of Synthetic Peptides: Mechanisms and Methods," <i>The Peptides</i> , Vol. 9, Academic Press, New York, NY, 1987, pgs. 185-248.
	Toy et al., "New supports for solid-phase organic synthesis: development of polystyrene resins containing tetrahydrofuran derived cross-linkers," <i>Tetrahedron Letters</i> ; 1999, Vol. 40: pgs. 6329-6332.
	Valerio et al., "Multiple peptide synthesis on acid-labile handle derivatized polyethylene supports," <i>International Journal of Peptide &amp; Protein Research</i> , 1994; Vol. 44: pgs. 158-165.
	Wang, "β-Alkoxybenzyl Alcohol Resin and β-Alkoxybenzyloxycarbonylhydrazide Resin for Solid Phase Synthesis of Protected Peptide Fragments," <i>Journal of the American Chemical Society</i> ; 1973, Vol. 95, Issue 4, pg. 1328-1333.

RECEIVED  
JUN 11 2002  
TECH CENTER 1600/2900

RECEIVED  
JUN 07 2002  
TC 1700

<b>EXAMINER</b>	<b>Date Considered</b>
-----------------	------------------------

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.